

PAZDNIKOV, P.A.; BOGDASHEV, V.F.; DYN'KINA, S.Ye.; PITIRIMOVA, G.I.

Obtaining commercial-grade sponge iron from wastes and its use for
copper cementation. Tsvet. met. 37 no.9:15-18 S '64. (MIRA 18:7)

BOLTYANSKIY, V.G., red.; DYMKINA, Ye.B., red.; POSTNIKOV, K.M., red.;
SOLOMENTSEV, Ye.D., red.; IOVLEVA, N.A., tekhn.red.

[Fiber spaces and their applications; collection of translations]
Rassloennye prostranstva i ikh prilozhenia; sbornik perevodov.
Moskva, Izd-vo inostr.lit-ry, 1958. 460 p. (MIRA 12:1)
(Topology)

ZHUKOVSKIY, B.D., kand. tekhn. nauk; ZIL'BERSHTEYN, L.I., kand. tekhn. nauk;
MIZERA, V.I., inzh.; PETRUNIN, Ye.P., inzh.; TAT'YUK, G.Z., inzh.;
Prinimali uchastiye: MATLAKHOV, L.I.; NECHIPORENKO, M.I.; DUPLIY,
G.D.; GAPICH, V.I.; FATEYEVA, A.F.; DYN'KO, N.M.; LUGOVENKO, I.P.;
DEM'YANOV, B.M.; POSTIL, I.S.; BEZRODNYKH, I.Ya.

Investigating the possibility of manufacturing welded tube
blanks for cold forming. Proizv. trub no.11:67-72 '63.

(MIRA 17:11)

DYN'KOV, B.N.

USSR/Fitting Out of Laboratories - Instruments.
Their Theory, Construction, and Use.

H-

Abs Jour : Ref Zhur - Khimiya, No 3, 1957, 8705

Author : Lazarev, A.I. and Dyn'kov, B.N.

Inst :

Title : Vacuum Apparatus for the Investigation of the True Heat Capacity of Metals at High Temperatures.

Orig Pub : Sb.: Issledovaniya v obl. teplovykh izmereniy [Symposium on Research in the Field of Temperature Measurements], Moscow and Leningrad, Mashgiz, 1956, 5-20.

Abstract : A detailed description is given of equipment for the measurement of the true heat capacity of metals at temperatures up to 1000-1100°. The measurements are based on the investigation of the heat balance of two similar samples enclosed in a medium (copper block) of uniformly increasing temperature. A experimental technique is described and a method given for interpreting the results obtained.

Card 1/2

USSR/Fitting Out of Laboratories - Instruments. H-
Their Theory, Construction, and Use.

Abs Jour : Ref Zhur - Khimiya, No 3, 1957, 8705

Results from the determination of the true heat capacity of eutectoid steel are given. On the C_p -T curve recorded with the apparatus described, a number of anomalies are observed, corresponding to the Curie point of cementite, the magnetite $\alpha \rightarrow \beta$ transition, and to the eutectoid transition, marked by a discontinuity in the curve.

Card 2/2

DYMNTE, I.B., Cand Med Sci -- (diss) "State of the organs of the
chest cavity after resection of the lungs. (Clinical X-ray study)."
Gorkiy, 1958, 10 pp (Gorkiy State Med Inst in S.M. Kirov) 2.0
copies (KL, 27-48, 116)

- 200 -

KUKOSH, V.I., DYNNIK, I.B. (Gor'kiy)

Role of angiopenumocardiography in studying sequelae of pneumonectomy.
Eksp. khir. 3 no. 4:60 J1-Ag '58 (MIRA 11:9)

(LUNGS—SURGERY)
(ANGIOCARDIOGRAPHY)

KUKOSH, V.I., dots.; DYNNIK, I.B., assistant

X-ray and bronchographic diagnosis of bronchopleural fistula after
pneumonectomy for pulmonary suppurations. Khirurgiia 34 no.3:106-109
Mr '58. (MIRA 12:1)

1. Iz kliniki gosital'noy khirurgii (zav. - prof. B.A. Korolev) Gor'kov-
skogo gosudarstvennogo meditsinskogo instituta im. S.M. Kirova (dir.-dots.
N.N. Mizinov).

(PNEUMONECTOMY, in various dis.
nonspecific lung suppurations, postop. bronchopleural
fistula, x-ray diag. (Rus))

KOROLEV, B.A., professor (Gor'kiy, nab. im. Zhdanova, d.8-a, kv.10);
DYMINIK, I.B.

Diagnosis and surgical treatment of sarcoma of the lung. Vest.
khir. no.5:3-10 '62. (MIRA 15:11)

1. Iz gospital'noy khirurgicheskoy kliniki (zav. - prof. B.A.
Korolev) Gor'kovskogo meditsinskogo instituta im. S.M. Kirova.
(LUNGS—CANCER)

DIKOVA, A.A.; DYNNIK, I.B.

Clinical aspects, diagnosis and therapy of benign tumors of the
esophagus. Vest.khir. 85 no.9:51-55 S '60. (MIRA 13:11)

1. Iz gosspital'noy khirurgicheskoy kliniki (zav. - prof. B.A.
Korolev) Gor'kovskogo meditsinskogo instituta im. S.M. Kirova.
(ESOPHAGUS--TUMORS)

DYHNİK, I.B.; OKHOTIN, I.K.

Diagnosis of patent ductus arteriosus with a reverse shunt by selective angiocardiography. Vest. rent. 1 rad. 28 no.2:14-16
Mr-Apr'63. (MIRA 16:9)

1. Iz kliniki gosptal'noy khirurgii (zav. - zasluzhennyi deyatel' nauki prof. B.A.Korolev) Gor'kovskogo meditsinskogo instituta imeni S.M.Kirova.
(DUCTUS ARTERIOSUS) (ANGIOCARDIOGRAPHY)

DYNNIK, I.B.; UTKOV, A.A.

Study of the contractile function of the myocardium in patients
with mitral stenosis before and after a commissurotomy. Uch.
trudy GMI no.19:57-62 '65. (MIRA 19:8)

1. Iz kliniki gospital'noy khirurgii Gor'kovskogo gosudarstvennogo
meditsinskogo instituta imeni S.M.Kirova.

DYNNIK, I.B.; KOMAROVA, N.I.

Importance of electrokymographic examination in the diagnosis of
congenital heart defects. Uch. trudy GMI no.19:150-156 '65.
(MIRA 18:8)

1. Iz kliniki gospiatal'noy khirurgii Gor'kovskogo gosudarstvennogo
meditsinskogo instituta imeni S.M.Kirova.

DYNNIK, I.B.

X-ray examination in Fallot's triad. Uch. trudy GMI no.19:216-220
'65. (MIRA 18:8)

1. Iz kliniki gosnital'noy khirurgii Gor'kovskogo gosudarstvennogo
meditsinskogo instituta imeni S.M.Kirova.

DYNNIK, I.B., kand. med. nauk; TITOV, I.B.

Diagnosis of arteriovenous aneurysms of the lung. Vest. rent.
i rad. 40 no.3:29-32 My-Je '65. (MIRA 18:7)

1. Kafedra gosspital'noy khirurgii (zav. - chlen-korrespondent
AMN SSSR prof. B.A. Korolev) i kafedra rentgeno-radiologii
(zav. - dotsent N.Ye. Yakhontov) Gor'kovskogo meditsinskogo
inst.tuta.

SOV/86-59-1-31/39

AUTHORS: Dynnik, N.G., Engr Lt Col, and Liberman, Kh.L., Engr Maj

TITLE: New Organization of Aircraft Repair (Novaya organizatsiya remonta samoletov)

ABSTRACT: After an unsuccessful reorganization of aircraft repair procedure, an aircraft repair plant, headed by officer V.I. Loginov, has adopted a new method in which a movable repair-station line is used. The method (potochno-standovoy metod) was evolved during a conference of repairmen held in September 1957. The line consists of five stations located in a hangar and two outdoor stations. In the first station, which is outdoors, the removable units are removed from the aircraft being processed and the elimination of defects is begun. In the second station, the nonremovable equipment is repaired, and the elimination of defects is completed. In the third station, the removed and repaired units are mounted in the airplane again, and the processing is continued. In the

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SOV/86-59-1-31/39

New Organization of Aircraft Repair

Fourth station, the airplane equipment is tested under current, and the processing is almost completed. In the fifth station, the airplane is checked and inspected, and the remaining defects are eliminated. After being moved to the sixth station, which is outdoors, the airplane is flight tested and then inspected. The discovered defects are eliminated. In the seventh station, in the hangar, the airplane is painted. The processed airplanes are moved from their stations to the next ones every fifth day. They are moved sidewise on the trolleys on which they rest. Local "rationalizers" produced the trolleys and other auxiliary equipment. Carts were also built to transport assemblies and equipment and to/from airplanes. Specialized teams of workers are assigned to such operations as assembly, and elimination of defects. Operation schedules are prepared in graphic form. The new method has been in operation for almost a year in the authors' air base, and was used in the repair of front bombers. The new method has been proven to possess unquestionable advantages. Airplanes now are repaired strictly according to schedule and

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New Organization of Aircraft Repair

uniformly through the month. Labor productivity is higher. There is none of the fitful work which was done previously. Also, overtime work is no longer necessary, there are less defects, less spare parts are needed, and airplanes are repaired considerably faster. When the new method was first introduced, some difficulties were experienced in the selection of personnel for the teams of workers needed and in supplies. The method is being further perfected. There are one diagram, one photograph, and two tables.

Card 3/3

TARSKIY, Al'fred [TarSKI, Alfred]; DYNNIK, O.N. [translator]; YANOVSKAYA,
S.A., red.

[Introduction to logic and to the methodology of deductive sciences]
Vvedenie v logiku i metodologiiu deduktivnykh nauk. Red. i predisl. k
russkomu perevodu S.A.IAnovskoi . Prim. G.M.Adel'sona-Vel'skogo. Mo-
skva, Gos. izd-vo inostr. lit-ry, 1948. 325 p. (MIRA 14:8)
(Mathematics--Philosophy) (Arithmetic--Foundations)

DYNNIK, P.F. (Voronezh); TSVETKOV, I.V., inzh.-ekonomist (Voronezh);
FEL'DMAN, Ye.V. (Voronezh); KHARITONOV, P.A. (Voronezh)

Utilization of the potentials of the growth of labor productivity
on a railroad line. Zhel.dor.transp. 45 no.10:61-63 0 '63.
(MIRA 16:11)

1. Glavnyy inzh. Yugo-Vostochnoy dorogi (for Dyanik). 2. Nachal'-
nik planovo-ekonomicheskogo otdela Yugo-Vostochnoy dorogi (for
Fel'dman). 3. Zamestitel' nachal'nika planovo-ekonomicheskogo ot-
dela Yugo-Vostochnoy dorogi (for Kharitonov).

DYNNIK, S. A.

✓

C

Isothermal shaping of glass. C. I. Kuznetsovskii and S. A. Dyunik. Doklady Akad. Nauk SSSR, 50, 131-34 (1955).

4-5-50

The essential feature of this method is the creation of an isothermal condition in each given layer (section taken parallel to the main plane) of the shape, with unavoidable temperature gradient between the outer and inner layers (up to the moment of complete solidification) and with equalization of the temperature of symmetrically situated layers. Thus, in shaping a plane glass object (plate or sheet), the side facets remain plastic up to the moment of complete solidification, thereby facilitating uniform settling. The creation of an isothermal condition and of equalized tensions within the object being shaped is accomplished by using isothermal molding equipment. A chrome-plated steel mold was used to prepare, at 1145°C., one thousand 200 x 200 x 15 to 35 mm. plates from Fourcault glass having a composition of SiO₂ 72, Al₂O₃ 0.2, Fe₂O₃ 0.1, CaO 3.0, MgO 0.2, SO₂ 0.5, K₂O 1.0, and Na₂O 17.0%. By means of electric heating and proper exterior insulation the temperatures of the die and punch were raised from the usual 225° and 125° to 540° and 430°, respectively. Geometricity of the plates was not inferior to that of polished plates. Variation in length and width was not over ±0.5 mm. against an allowable +1 to 2 mm.; thickness difference was 0.79 mm. against an allowable 1 mm. Not one of the plates cracked when removed from the mold and cooled in the air; of the 250 plates subjected to grinding and polishing, not one cracked during the process. B. Z. K.

DYNNIK, S. A.

29094-Izuchenie Usloviy Obrazovaniya Elementa Tkani Nauch-Issled. Trudy (Tsentr. nauch-issled, in-t Lubyanykh volokon), t. 111, 1949, s. 23-39

SO: Letopis' Zhurnal'nykh Statey, Vol. 39, Moskva, 1949

DYNNIK, Sergey Aleksandrovich.

Central Sci-Res Inst of Bast Fiber, A cademic degree of
Doctor of Technical Sciences, based on his defense,
7 October 1954, in the Council of the Moscow Textile Inst
of his dissertation entitled: "The P rinciples and Develop-
ment of a System of Machines Which Allows an Uninterrupted
Process of Fabric Formation ".

Academic degree and/or title: Doctor of Sciences

SO: Decisions of VAK, List no 8, 2 April 55, Byulleten'
MVO SSSR, No. 14, July Moscow pp 4-22, Uncl.
JPRS/NY-429

SURNINA, Nina Fedorovna; NOVIKOV, Aleksandr Konstantinovich; POTAP'YEV, Nikolay Khristoforovich; SOKOLOVA, V.Ye., redaktor; KISELEV, M.S., retsenzent; DYNNIK, S.A., doktor tekhnicheskikh nauk, redaktor; MEDVEDEVA, L.A., tekhnicheskij redaktor

[Linen weaving] L'notkachestvo. Moskva, nauchno-tekhn. izd-vo Ministerstva tekstil'noi promyshl. SSSR, 1955. 391 p.
(Linen) (MLRA 9:4)

DYNNIK, S.A., doktor tekhn.nauk, red.; AKSENOVA, I.I., red.;
SHAPENKOVA, T.A., tekhn.red.

[Manual on the weaving of linen fabrics] Spravochnik po
l'notkachestvu. Izd.2, perer. i dop. Moskva, Izd-vo
nauchno-tekhn.lit-ry RSFSR, 1960. 543 p.

(MIRA 14:4)

(Linen)

(Looms)

DYNNIK, Sergey Aleksandrovich; DRUZHININA, Rimma Dmitriyevna;
KUGEL', S.I., red.; SHVETSOV, S.V., tekhn.red.

[Modernization of the linen loom to reduce warp breakage]
Modernizatsiia l'notkatskogo stanka s tsel'iu snizhenia
obryvnosti osnovy. Moskva, Izd-vo nauchno-tekhn.lit-ry
RSFSR, 1961. 42 p. (MIRA 15:2)
(Looms)

DYNNIK, V.I. (Khar'kov)

Case of stenosis of the aortic isthmus appearing like a hypertension
case. Vrach.delo no.10:1089 0 '59. (MIRA 13:2)

1. Klinika Ukrainського nauchno-issledovatel'skogo instituta gigiyeny
truda i professional'nykh zabolevaniy.
(AORTA--DISEASES)

L 40800-66 EWP(k)/EWT(m)/T/EWP(v)/EWP(t)/ETI IJP(c) JD/HM

ACC NR: AP6021005

SOURCE CODE: UR/0125/66/000/006/0045/0047

AUTHOR: Ivanenko, V. D.; Kasatkin, B. S.; Dynnikov, O. N.

46
B

ORG: Institute of Electric Welding im. Ye. O. Paton, AN UkrSSR (Institut elektrosvarki im. Ye. O. Patona AN UkrSSR)

TITLE: Welding of the swivel-butt joints of thick-walled steam lines without using backing rings

SOURCE: Avtomaticheskaya svarka, no. 6, 1966, 45-47

TOPIC TAGS: pearlitic steel, metal joining, steam auxiliary equipment, welding technology /
12Kh1MF pearlitic steel

ABSTRACT: At boiler-building plants thick-walled steam lines of carbon and low-alloy steels are chiefly welded with the aid of backing rings; this occasionally involves the formation of tears and cracks at the site of fusion between the base metal and the backing ring in the course of operation of the steam line. In this connection, the authors investigated the possibility of the CO₂-shielded horizontal girth welding of vertical swivel-butt joints of carbon and low-alloy steels (such as 12Kh1MF type pearlitic heat resistant steel) without backing rings.

Card 1/2

UDC: 621.791.8:621.643.23

L 40800-66

ACC NR: AP6021005

The best results were obtained when the electrode was positioned at the angle of 10-15° to the horizontal plane (Fig. 1), with the tube rotating at a low speed (3-6 m/hr), in the presence of a welding current of 100-120 a and voltage of 20-21 v. The welding is accomplished with the aid of sweeping transverse back-and-forth movements of the electrode wire in contact with the hot built-up metal of the weld; this assures a slow and uniform cooling of the fine

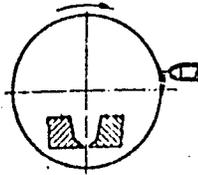


Fig. 1. Build-up of root weld

columnar crystals and hence also a high resistance to cracking. Orig. art. has: 6 figures.

SUB CODE: 11, 13/ SUBM DATE: 12Feb66/ ORIG REF: 006/

red
6-11-70

DYNOWSKA, Irena, mgr. (Krakow, ul. Grodzka 64)

"The subterranean water" by A. Giessler. Reviewed by I. Dynowska.
Czasopismo geograficzne 32 no.4:457-459 '61.

1. Uniwersytet, Krakow.

DYNOWSKI, Jerzy (Krakow)

Hydrographical studies in the basins of the Biala and Czarna
Wiselka Rivers. Czasopismo geograficzne 32 no.1:31-56 '61.

DYMCWSKI, K.

"B and A battery."

p. 30 (Radioamator) Vol. 6, no. 12, Dec. 1956
Warsaw, Poland

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

DYNOWSKI-BALCER, J.

Principles and methods of hydrographic researches.

P. 240. (GEOGRAFIA W SZKOLE) (Warszawa, Poland) Vol. 10, no. 5, Sept./Oct. 1957

SO: Monthly Index of East European Accession (EEAI) LC Vol. 7, No. 5, 1958

SOV/122-59-3-26/42

AUTHORS: Yufa, E.P., Lecturer, and Dynshits, M.A., Engineer

TITLE: On the Ways of Specialisation in Tool Manufactures (O putyakh spetsializatsii instrumental'nykh proizvodstv)

PERIODICAL: Vestnik Mashinostroyeniya, 1959, Nr 3, pp 76-77 (USSR)

ABSTRACT: The increased importance of specialised tooling within the total tool requirements is emphasised. The Khar'kov Economic Council, in promoting the specialisation of tool manufacture, has chosen the creation of specialised departments in the tool shops of engineering works to produce in centralised fashion a standard range of tools. A project was submitted to the Economic Council by the appropriate division of the Ukranian Branch of the Gosplan in co-operation with the Department of Industrial Economics and Organisation at the Khar'kov Polytechnic Institute (Khar'kovskiy Politekhnicheskiy Institut) 'Imeni V.I. Lenina'. Estimated savings are stated. An average percentage is 28%. Special equipment would pay off in 5 months. Nevertheless, specialised enterprises could achieve much higher savings. Certain types of tooling should be produced within suitable existing manufacturing organisations. For

Card 1/2

SOV/122-59-3-26/42

On the Ways of Specialisation in Tool Manufactures

example, portable power tools should be produced where small motors are already manufactured. Measures of standardisation needed for successful specialisation are discussed.

Card 2/2

NARGIELLO, Janusz; DYNKI, Wladyslaw

An installation for the removal of die-stamped materials from
the molds. Mechanik 35 no.6:340-341 Je '62.

KVETINA, Jaroslav; ZICHA, Bohuslav; DYNTAROVA, Jana

Changes in pH of body in animals after irradiation. Sborn.
ved.prac.lek.fak.Karlov.Univ. (Hrad.Kral.) 6 no.1:175-177
'63.

1. Department of Pharmacology, Charles University, Faculty
of Medicine, Hradec Kralove (head: prof. MUDr. Vojtech
Grossmann), and Veterinary Research Center, Prague.

*

GROSMANN, Vojtech, prof. MUDr. Techn. spoluprace: DYNTAROVA, Hana; OLDRICH, Peca

The change in the effect of adrenalin and noradrenalin on the blood pressure during the ontogenesis in rats and its causes. Sborn. ved. prac. lek. fak. Karlov. Univ. 7 no.4:513-521 '64.

1. Katedra farmakologie (prednosta: prof. MUDr. V. Grosmann)
Lekarske fakulty Karlovy University v Hradci Kralove.

GROSSMANN, Vojtech; [Grossmann, Vojtech]; DYNAROVA, Gana [Dyntarova, Hana]

Changes in the cardiac activity of irradiated animals under the influence of adrenalin. Cesk. otolaryng. 12 no.6:19-22 D'63.

1. Kafedra farmakologii meditsinskogo fakul'teta Karlova universiteta, Gradets Kralove; rukovoditel': prof.dr.med.V. Grossmann.

*

KVETINA, J.; techn spoluprace PECA, O.; CELLEROVA, J.; DYNTAROVA, A.G.

Pharmacodynamics of dolsin and its metabolites during the course of radiation injury. Bratisl. lek. listy 63 no.1:41-51 '63.

1. Z katedry farmakologie lek. fak. KU v Hradci Kralove, vedouci prof. MUDr. V. Grossmann.

(RADIATION INJURY EXPERIMENTAL) (MESPERIDINE)

DYNTAR, J.

Main trends in the development of circular automatic hosiery knitting machines. p. 127.
(Textil. Vol. 12, no. 4, Apr. 1957. Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

GROSSMAN, V.; DYNAROVA, H.; SLAHO, J.; KORNOVA, J.

Changes in the effect of adrenalin and noradrenalin on the blood pressure of irradiated animals. Cas. lek. cesk. 102 no.7:169-172 15 F '63.

1. Farmakologicky ustav lekarske fakulty KU v Hradci Kralove, prefindata
prof. dr. V. Grossmann.
(EPINEPHRINE) (NOREPINEPHRINE) (PHARMACOLOGY)
(RADIATION EFFECTS) (BLOOD PRESSURE) (MICE) (RATS)

DYPTAN, N.

DYPTAN, N.; REZNIK, L., inzh.; PODOL'SKIY, M.

Readers' letters. Avt.transp. 35 no.9:27 S '57. (MIRA 10:10)

1.Avtotransportnaya kontora Stroitel'nogo tresta, Khabarovsk
(for Dyptan). 2.Nachal'nik Borodulikhinskoy avtobazy (for
Podol'skiy).

(Transportation, Automotive)

CSSR

KVETINA, J. (technical co-workers: PECA, O., CEMLEROVA, J., DENTAROVA, H.)

no academic degree indicated

dept. of pharmacology of the medical faculty at Charles University (katedra farmakologie lek.fak.KU), Hradec Kralove; director: Prof. GROSSMAN V., MD - (for all)

Bratislava, Bratislavsko Lekarske Listy, No 1, 1963, pp 41-51

"The Pharmacodynamics of Dolsin and its Metabolites in the Course of Radiation Sickness"

(4)

CZECHOSLOVAKIA

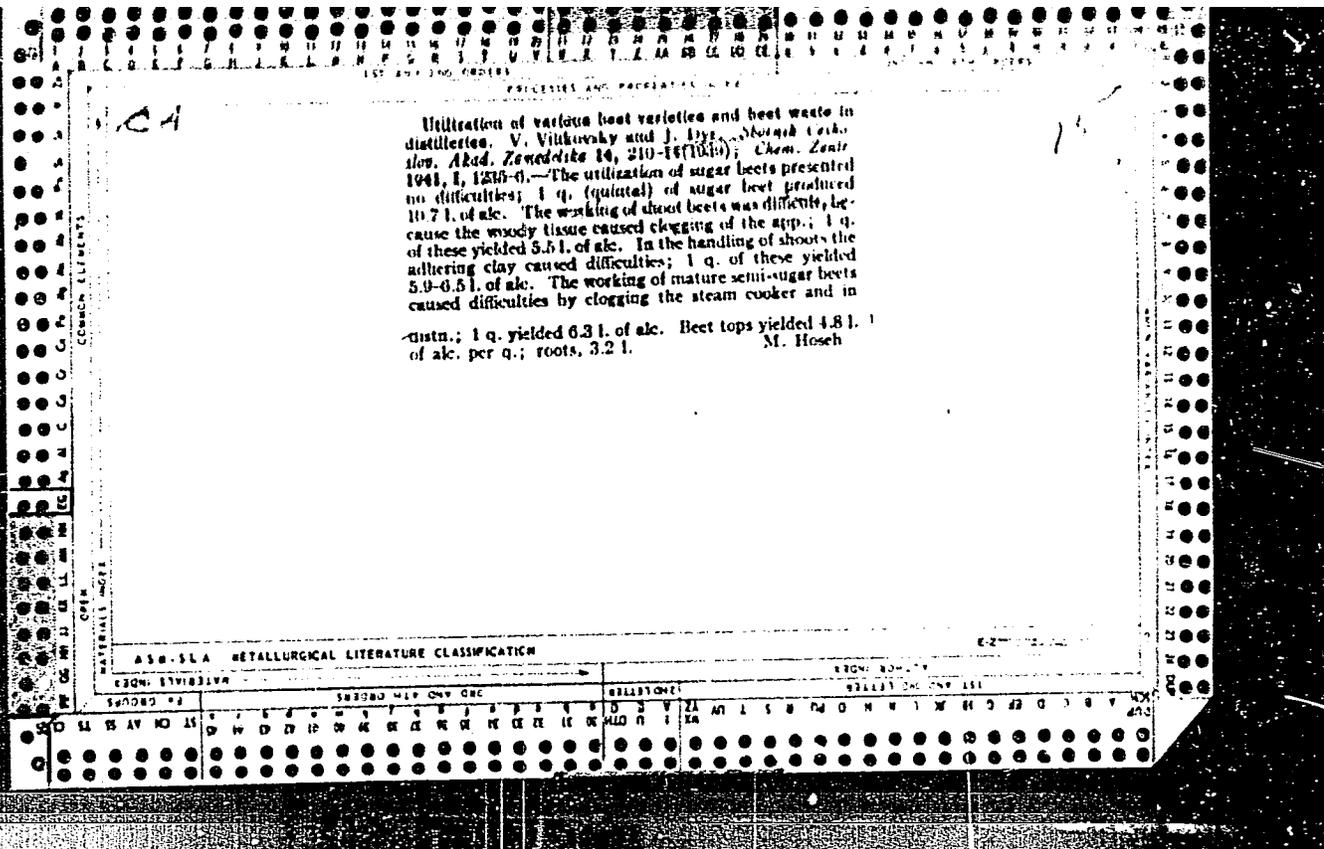
V. GROSSMANN, H. DYNAROVA, J. SLARO and J. KORNVA; Department of Pharmacology, Medical Faculty of Charles University (Farmakologicky ustav lekarske fakulty KU [Karlove University] Head (predosta) Prof. Dr V. GROSSMANN, Hradec Kralove.

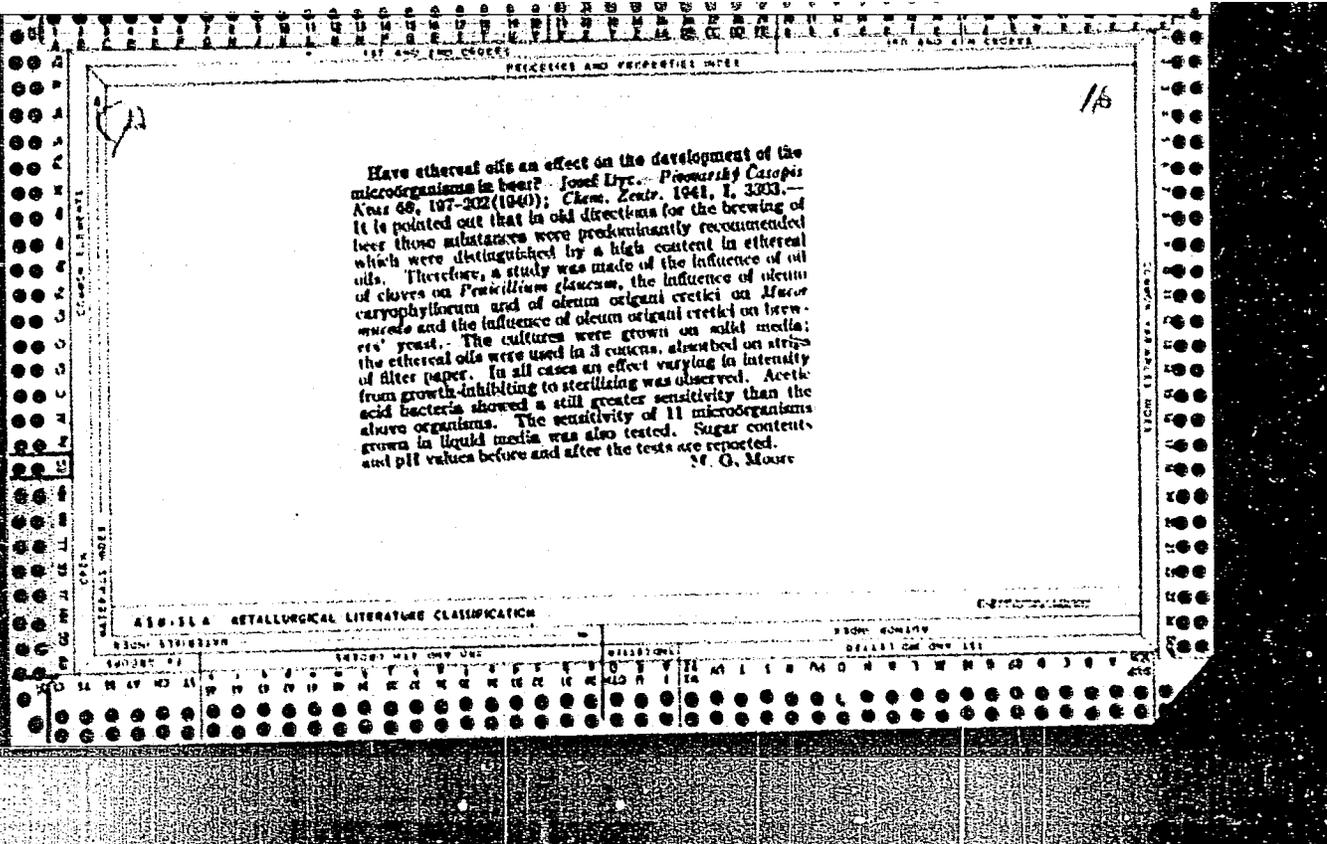
"Change in Effect of Epinephrine and Norepinephrine on Blood Pressure in Irradiated Animals."

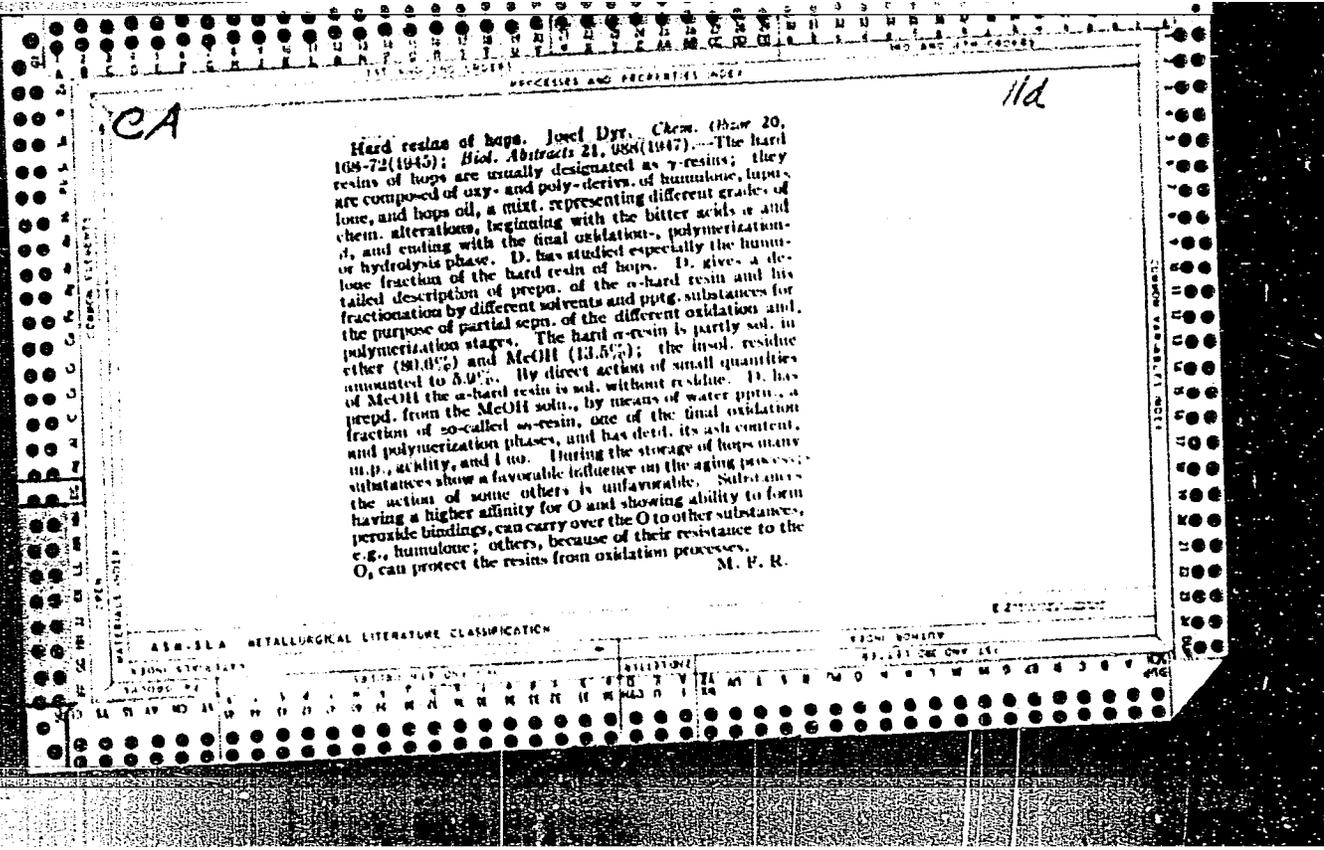
Prague, Časopis Lékařů Českých, Vol 102, No 7, 15 Feb 63; pp 169-172.

Abstract [English summary modified]: Change in blood pressure response to the 2 amines in rats and mice receiving 600 r. and rabbits 1000 r: intravenous toxicity increases, blood pressure effect in anesthesia decreases (with epinephrine, no decrease at very high doses); no change in effect on isolated heart. Speculatively changes are of central origin; possibly also due to increased or increased epinephrine sensitivity of heart. Seven graphs; 9 references: 6 Western, Czech, Polish, Soviet.

[1/1]







Preparation of cultures for 2 butanol-acetone fermentation. J. Dyr (České vysoké učení tech., Prague, Czech S. Průmysl. B. 3, 202-4 (1952).--Problems of isolation and choice of suitable cultures are discussed and methods for controlling and maintaining their fermentative efficiency are suggested. L. J. Urbánek

DYR, J.; MUNK, V.

Diosynthesis of riboflavin in *Clostridium acetobutylicum*. Part 1
[in Russian with summary in German]. *Chekh.biol.* 3 no.1:23-29 F '54.
(MERA 7:6)

1. Kafedra khimii i tekhnologii brozheniya Vysshey shkoly khimii, Praga.
(Vitamins) (*Clostridium acetobutylicum*)

Increasing the yield of alcohol in distillation
stages. J. D. and V. Krut'kova
The utilization of a new
after normal splitting of alcohol
The splitting of alcohol
carried out with automatic
The optimal temp for purg
of NaCl were tested. The
of the distillation

DYR, JOSEF

✓ Biosynthesis of carotenoids in *Rhodotorula gracilis*. III. Effect of nitrogen source, pH, and nitrogen-carbon ratio in the substrate upon the formation of carotenoids. Josef Dyr and Roman Praus (Vysoká škola chem. technol. Brno). *Chem. Listy* 49, 1659-700(1955); cf. *C.A.* 47, 2257c.—The presence of NH_4NO_3 in the medium gave the best effect on the formation of carotenoids in *R. gracilis*. Glycine, valine, and leucine showed no effect. The optimum ratio of N:C was 1:40, pH 6.8-8.9. IV. Formation of carotenoids from various carbon sources. Roman Praus and Josef Dyr. *Ibid.* 1703-5.—Glucose, fructose, sucrose, and xylose in the substrate gave the highest yields of carotenoids. The formation of carotenoids was stimulated by EtOH, $\text{C}_6\text{H}_5(\text{OH})_3$, and Na salts of malic and citric acids.
M. Hughes ?

DYR, I.

USSR / Microbiology - General Microbiology.

F

Abs Jour: Ref Zhur-Biol., No 9, 1958, 38363.

Author : Praus, R., Dyr, I.

Inst : Not given.

Title : Biosynthesis of Carotenoids in Rhodotorula
Gracilis Yeasts. IV. Formation of Carotenoids
from Different Carbohydrate Sources.

Orig Pub: Sb. chekhosl. khim. rabot, 1956, 21, No 3,
761-764.

Abstract: No abstract.

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62

DYR, J.

Origin and development of the Faculty of Food Technology. p. 111.

(Kvasny Prumysl. Vol. 3, no. 5, May 1957. Praha, Czechoslovakia)

SO: Monthly List of East European Accession (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

CZECHOSLOVAKIA/Chemical Technology - Fermentation in Industry. H.

Abs Jour : Ref Zhur - Khimiya, No 16, 1958, 55456

Author : Dyr, Krumpyanzl, Barta

Inst : -

Title : The Possibility of Increasing the Yields of Alcohol
in Wine Distilleries.

Orig Pub : Kjasny prumysl, 1956, 2, No 1, 6-10

Abstract : Plant experiments were carried out for increasing the yield of alcohol from molasses by converting non-fermenting sugar (melibiose) into a fermentable one. That was done by the addition of autolysate prepared from beer yeast containing 25% of dry substances, beer yeast in vivo, and a plasmolysate of sediment beer yeast, which contain 14% of dry substances. To convert non-fermenting sugar of molasses into a fermenting one, it is necessary only to add from 20 to 35 liters of autolysate, or 50-60 l. of plasmolysate per 500 hectoliters of

Card 1/2

CZECHOSLOVAKIA/Chemical Technology - Fermentation in Industry. H.

Abs Jour : Ref Zhur - Khimiya, No 16, 1958, 55456

wort. The amount of fermenting preparation that was added depends on the quality of yeast and the preparation as well as the content of the raffinose in the molasses. The advisable preparation to be added: in working the process by the Jacquemon method, prior to or at the aftermath in the fermenting tanks, and by the Buano method when the alcohol content in wort is 5%. An addition of the preparation lowers the amount of residual sugar by 0.10 - 0.15%, and does not effect the alcohol quality. With the addition of preparation from 1,000 centners of molasses containing 0.93% of raffinose, 371 liters more of absolute alcohol is obtained as compared to the processing of molasses by the usual method (practically 255 liters).
For previous communication see: Ref. Zhur. Khim., 1958, 34131.

Card 2/2

15

DYR, J.

DYR, J. Some remarks concerning Racha's views on his book Lihovarsty (Alcohol Industry)
p. 166.

Vol. 2, no.7, July 1956
KVASNY PRUMYSL
TECHNOLOGY
Praha, Czechoslovakia

So: East European Accession Vol. 6, no. 2, 1957

May

7 7

Paper chromatography of aliphatic xanthates. Josef
Dyr, Vladimír Krumphanzl, and Vladislav Šteho (Vysoká
škola chem. technol., Prague). Sborník vysoké školy chem.
technol. v Praze, Oddíl potravinářské technol. 1937, 19-23.
 Paper chromatography of Me, Et, Pr, iso-Pr, Bu, iso-Bu,
 Am, and iso-Am xanthate was carried out by using BuOH,
 contg. 2% solid KOH, or 10% KOH and BuOH 1:1, on
 Whatman No. 1 paper, either plain or impregnated with
 0.1N NaOH and dried at 60°. The R_f values increase with
 increasing no. of C atoms in the chain of the xanthates.
 Normal and iso-alc. have the R_f values very close so that
 their sepn. is impossible. M. Hudlický

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COUNTRY : CZECHOSLOVAKIA 11
CATEGORY : Chemical Technology. Chemical Products and
Their Applications. Fermentation Industry
ABS. JOUR. : RZKham., No. 23 1959, No. 83787

AUTHOR : Gregr, V.; Dyr, J.
INST. : -
TITLE : Improvements of the Technological Process of
Lactic Acid Manufacture from Molasses

ORIG. PUB. : Sb. Vysoke školy chem.-technol. Praze. Odd.
Fak. potravin. Technol., 1957, [1], 177-195
ABSTRACT : Based on special studies on the improvement
of mother culture preparation methods invol-
ving lactic bacteria and on the establishment
of optimum conditions of their nutrition, an
accelerated method of conducting process on
a commercial scale has been developed. It in-
sures increase in the productivity of the fer-
mentation department by 100% at the simulta-
neous economy of malt sprouts, malt, autoly-
sate, phosphates and sulfuric acid and impro-
vement in quality of the lactic acid.

CARD: 1/1

H - 103

CZECHOSLOVAKIA/Chemical Technology - Fermentation Industry.

H.

Abs Jour : Ref Zhur - Khimiya, No 16, 1958, 55473

Author : Dyr, Gerlikova

Inst :

Title : Binding of oxygen in the Process of Wort Preparation.

Orig Pub : Kvasny prumysl, 1957, 3, No 12, 265-269

Abstract : It was established that a wort of high concentration (18 weight percent) consumes more oxygen than does one of a lower concentration (7 weight percent), whereby this process is more intensive on sprinkling coolers. The oxidation ability of wort is usually decreased by its heating with hops and a reduction ability is thereby increased, and then diminishes upon cooling. The separation of residue on the cooling plates depends on the duration of wort digestion. When the latter is increased, 6-9% more of protein substances is separated.

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CZECHOSLOVAKIA/Chemical Technology - Fermentation Industry.

H.

Abs Jour : Ref Zhur - Khimiya, No 16, 1958, 55473

Neither a relationship between pH, oxygen content and reduction ability of wort, nor the linear relationship between oxygen content and amount of sedimentation on cooling plates was noted.

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18

CZECHOSLOVAKIA/ Microbiology - General Microbiology.

F-1

Abs Jour : Ref Zhur - Biol., No 11, 1958, 47867

Author : Dyr, J., Protiva, J.

Inst : -

Title : Metabolism Products of Clostridium Acetobutylicum Appearing During the Process of Its Development.

Orig Pub : Ceskoslov Microbiol, 1, No 4, 151-157 (in Czech with summaries in English and in Russian)

Abstract : It has been established that the product characterizing the transition of Cl. acetobutylicum to the second stage of acetone-butyl fermentation is acetone. The second fermentation stage begins after growth is complete and cell division has stopped, regardless of the accumulation of free acids in the medium. The authors are of the opinion that the variations in the titrable acidity curve which are customarily correlated with the start of the second

Card 1/2

- 13 -

DYR, J.; PRATIVA, J.

SCIENCE

DYR, J.; PRATIVA, J. Formation of neutral solvents by the bacterium,
Clostridium acetobutylicum, during continuous fermentation. p. 159.

Vol. 3, no. 3, 1958.

Monthly Index of East European Accessions (MEAI) LC, Vol. 7, No. 12, Dec. '58

CZECHOSLOVAKIA / Chemical Technology, Chemical Products and Their H-27
Application. Fermentation Industry.

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 1720⁴

Author : Dyr, J.

Inst : Not given

Title : Model of the Continuous Fermentation Unit

Orig Pub : Kvasny prumysl, 1958, 4, No 5, 112

Abstract : A brief description of a unit for the continuous fermentation consisting of three interconnected (from top to bottom) columns, with each column divided into 6 chambers by means of bubble cap trays (having one cap/tray) that permit movement of the brew from one chamber to another through special piping arrangement. With volume of each chamber being 6 l, and, hence, with total volume of the unit being 108 l, the brewing mix is completely fermented at 23° within 22 - 24 hours time. Raw materials enter lower

Card 1/2

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and Their Application. Carbohydrates and Their Processings II.

Abs Jour : Ref Zhur - Khimiya, No 10, 1959, 26744

Author : Mostek, J., Dyr, J.

Inst :

Title : Formation and Fermentation of Sugars During Beer Production

Orig Pub : Kvasny prumysl 1958, 4, No 9, 169-174.

Abstract : The process of formation and fermentation of mash, wort and beer sugars was studied. The sugars were divided by a descending chromatographic method on paper. In the mash, besides the wort sugars (maltose, maltotriose, maltotetraose, saccharose, glucose, and pentose), 3 sugars, not as yet definitely established, were discovered, one of which, apparently, represents galactose. In the wort, besides glucose there were found also 3 higher oligosaccharides (maltopentaose, maltohexaose and maltoheptaose).

Card 1/2

DYR, J.

TECHNOLOGY

Periodical: KVASNY PRUMYSL. Vol. 4, no. 9, Sept. 1958

DYR, J. Symposium on the continuous methods of cultivating microorganisms. p. 211

Monthly List of East European Accessions (EAI) LC, Vol. 8, no. 3
March 1959, Uncl.

COUNTRY : Czechoslovakia H-2
CATEGORY :
ABS. JOUR. : RZKhim., No. 21 1959, No. 75159
AUTHOR : Dyr, J. and Krumphanzl, V.
INST. : Not given
TITLE : A Continuous Rotary Extractor
ORIG. PUB. : Kvasny Prumysl, 5, No 3, 65-67 (1959)
ABSTRACT : A laboratory 'Vodan' counter-current rotary ex-
tractor designed for liquid-liquid extraction at
rotor speeds of up to 500 rpm and for small dif-
ferences in the specific gravities of the liquids
is described.
v. Gertssovskiy

CARD: 1/1

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7
 / Determination of free amino acids in industrial and refined
 lactic acids. J. Dyr and V. Krumphanzl (Vysoká škola
 chem. tech., Prague). Kvasný průmysl 5, 189-92 (1959).
 Descending paper chromatography was applied for amino
 acids differentiation. BuOH:AcOH:H₂O (4:1:5) was used
 as the solvent and Whatman paper no. 1 proved best for
 the test. The detection was made by spraying 0.1% ninhy-
 drin soln. in acetone; developing time was 10 min. at 100°. 292 (1/3)
 Regarding the high viscosity of analyzed samples, the capil-
 lary action can be improved by dilg. the samples with distd.
 H₂O in the proportion 1:5. The following amino acids were
 detected: (1) In industrial lactic acids: aspartic acid, gly-
 cine, glutamic acid, alanine, tyrosine, γ -aminobutyric acid,
 valine, phenylalanine, and leucine; 3 spots on the chromato-
 grams were not identified. They can be probably attributed
 to lysine, threonine, and a substance which remained yellow
 after detection. (2) In edible lactic acid: glycine, glutamic
 acid, alanine, γ -aminobutyric acid, leucine, and aspartic
 acid. Some spots were not identified. Proportion of individ-
 ual amino acids present in edible lactic acid extd. by Et₂O
 and EtOAc appears in all chromatograms, except aspartic
 acid, which is nearly the same. In all samples the greatest
 amts. found were glutamic acid and alanine. Other amino
 acids are present only in traces. In edible lactic acid
 manufl. by recrystn. neither glycine nor leucine was de-
 tected. The spot intensity showed a greater percentage of
 alanine than in lactic acid refined by extrn. process in which
 org. solvents are used. J. Hlavsa

TA
H

DYR, J.

"Contribution to the problem of the composition of brewery coloring solutions in caramels."

KVASNY PRUMYSL, Praha, Czechoslovakia, Vol. 5, No. 6, June 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.

Unclassified.

DYR, J. ; KRUMPHANZL, V.

Determination of free amino acids in industrial and refined lactic acids. p. 189.

KRIDIA VLASTI. (Svaz pro spolupraci s armadou)
Praha, Czechoslovakia
Vol. 5, no. 8, Aug. 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 11.
Nov. 1959
Uncl.

DYR, J.; FRAUS, R.; PROTIVA, J.

Microbial synthesis of fat by *Rhodotorula gracilis* yeast. p. 233.

KVASNY PRUMSYL. Praha, Czechoslovakia. Vol. 5, no. 10, Oct. 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 9, no. 2, Feb. 1960.
Uncl.

DYR. J.; PRAUS, R.

"Biosynthesis of carotenoids in the yeast *Rhodotorula gracilis*." VI. Inhibition of carotenoid formation through diphenylamine. In German p. 116,

COLLECTION OF CZECHOSLOVAK CHEMICAL COMMUNICATIONS, Praha, Czech.,
Vol. 24, No. 1, Jan 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 6, Sept. 59
Unclassified.

DYR, Josef; KRUMPHANZL, Vladimir; HAUZAR, Iska

Continous alcoholic fermentation with uninterrupted fermentation of the system by returned fermenting mash. Sbor potrav VSChT Vol. 5, pt.2:37-57 '61 [publ. '62].

1. Katedra kvasne chemie a technologie, Vysoka skola chemicko-technologicka, Praha.

DYR, Josef; MOSTEK, Josef

Continuous decoction mashing in breweries. Kvasny prum
9 no. 6: 137-141 Je '63.

1. Vysoka skola chemicko-technologicka, Katedra kvasne
chemie a technologie, Praha.

DYR, Josef, prof., inz., dr., ScDr.

Conclusion and resolutions of the Conference on Utilization of
Industrial Waste and Residual Products in Agriculture. Prum
potravín 14 no.5:249-250 Ky '63.

1. Vysoka skola chemicko-technologicka, Praha.

KRUMPHANZL, Vladimir; DYR, Josef; RUSINSKY, Norbert

Inflow method of lactic fermentation. Prum potravin 14 no.10:
555-558 0 '63.

1. Vysoka skola chemickotechnologicka, katedra kvasne chemie a
technologie, Praha.

KRUMPHANZEL, Vladimir; DYR, Josef; SIMONOVA, Marie

Effect of some organic substances on the dispersion of oxygen in a liquid medium. Kvasny prum 10 no. 3: 54-58 Mr '64.

1. Higher School of Chemical Technology, Department of Fermentation Chemistry, Prague.

KRUMPHANZL, Vladimir; DYR, Josef, prof. inz. dr.; KOBR, Vladimir

Effect of the pH value in lactic fermentation on the total yield
of lactic acid. Kvasny prum 10 no.5:98-102 My '64.

1. Higher School of Chemical Technology, Prague.

MOSTEK, Josef; DYR, Josef, prof. inz. dr. DrSc.

Use of starch surrogates in the continuous brewing process. Kvasny
prum 10 no.12:265-270 D '64.

1. Chair of Fermentation Chemistry and Technology, Higher School
of Chemical Technology, Prague.

MOSTEK, Josef; DYR, Josef

Straining and sparging in the continuous brewing process. Kvasny
prum 11 no.3:49-53 Mr '65.

1. Chair of Fermentation Chemistry and Technology of the Higher
School of Chemical Technology, Prague. Submitted November 6, 1964.

DYRAGA, K.

"Should we use switches for chandeliers?"

p. 14 (Wiadomosci Elektrotechniczne) Vol. 18, no. 1, Jan. 1958
Warsaw, Poland

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

DYRAS, Jacek

Comparison of some method of the study on the erythrocyte sedimentation rate. Pol. tyg. lek. 19 no.23:871-875 1 Je'64

1. Z I Kliniki Chorob Wewnętrznych Akademii Medycznej w Krakowie; kierownik: prof. dr. Leon Tochowicz.

DYRCHENKO, I.I. (Tashkent).

Formation of equations according to conditions of the problems.
Mat.v shkole no.1:44-50 Ja-F '54. (MLRA 7:1)
(Algebra--Study and teaching)

DYRCHENKO, I.I. (Tashkent)

Developing a creative attitude in students toward the solution
of problems. Mat. v shkole no.2:40-44 Mr-Apr '61. (MIRA 14:4)
(Mathematics--Study and teaching)

DOVCHENKO, E.Y.

Specific traits of mathematical discovery and mathematical
aptitude. Uch. zap. Tashk. gos. ped. inst. 37 no.1:20-260
163. (MIRA:10)

SEMENOV, V. (Vladivostok); KONOVALOV, A. (Kalinin); DYRDA, V., avtomekhanik
(g.Shakhty); ANDRIANOV, V. (Donetsk, Rostovskaya obl.); KRIVCHUK, V.
(Donetsk, Rostovskaya obl.); DOKUKIN, N.

Your attention, comrades! Pozh.delo 9 no.3:25 Mr '63. (MIRA 16:4)

1. Nachal'nik kolkhoznoy pozharney druzhiny, kolkhoz "Drushba",
Yarosl'vaskoy obl. (for Dokukin).
(Fire engines)

USSR / Cultivated Plants. Potatoes. Vegetables. Melons.

M

Abs Jour : Ref Zhur - Biologiya, No 6, 1959, No. 24915

Author : Dyrda, Ya.

Inst : Not given

Title : Growing Melon Cultures in Khakassia

Orig Pub : S.-kh. Sibiri, 1958, No 3, 64-66

Abstract : Experiments are described of the cultivation of squash and pumpkins, conducted by the Kranoyarskiy Kray Experimental Station on the kolkhoz "First of May" of Khakasskaya Oblast' in 1954-1955. Sowing periods, feeding area, depth of seed closing, and the quantity of plants in a nest were studied. The largest squash harvest is secured at a feeding area of 1 x 2 m with two plants in

Card 1/2

DYRDAK, Yu. A.

VILENSKIY, N.M., kandidat tekhnicheskikh nauk; DYRDAK, Yu.A., inzhener;
ZONSHTEYN, S.Ya., inzhener.

Converting condensation steam turbines to a system with derated
vacuum. Energetik 5 no.4:28-31 Ap '57. (MIRA 10:6)
(Steam turbines)

DYRDAK, Yu.A., inzh.

Conference on the possibilities of increasing the efficiency of
industrial electric power plants. Teploenergetika 8 no.6:94
Je '61. (MIRA 14:10)

(Electric power plants)

YEMBAYEV, M.F., inzh.; IYEVLEV, A.M., inzh.; LEGOV, P.R., inzh.;
RAZD'YAKONOV, V.K., inzh.; SOSKIND, A.M., inzh.; DYRDOVA,
Z.G., red.; MODLIN, G.D., tekhn.red.

[Electric transmission lines and substations for 400 kv. systems;
materials of the Scientific Conference on the Generalization of
Experience in the Design, Manufacture, Erection, and Operation of
Electric Transmission Lines and Substations] Linii elektroperedachi
i podstantsii 400 kv; materialy Nauchno-tekhnicheskogo soveshchaniia
po obobshchaniyu opyta proektirovaniia, stroitel'stva, montazha i
ekspluatatsii linii elektroperedachi i podstantsii. Kuibyshev,
Orgenergostroi, 1959. 187 p. (MIRA 13:6)

1. Nauchno-tekhnicheskoye soveshchaniye po obobshcheniyu opyta
proyektirovaniya, stroitel'stva, montazha i ekspluatatsii liniy
elektroperedachi i podstantsiy. Kuibyshev, 1958.
(Electric lines) (Electric substations)

DYRDOVSKIY, V.U. [Dyrdovs'kiy, V.U.]

Collections of tropical and subtropical plants at the Botanical
Garden of Kiev University. Nauk zap. Kyiv. un. 16 no.1:23-39 '57.
(MIRA 11:6)

(Kiev--Tropical plants)

DYRDOVSKIY, Vladimir Ustimovich[Dyrdovs'kyi, V.U.]; NIKONOVA, R.S.,
red.; KHOKHANOVSKAYA, T.I.[Khokhanovs'ka, T.I.], tekhn.red.

[House plants and their care]Kimnatni kvity ta dohliad za
nymy. Kyiv, Vyd-vo Kyivs'koho univ., 1962. 51 p.

(MIRA 16:3)

(House plants)

BIELANSKI, A.; DYREK, K.; KLUZ, Z.; SLOCZYNSKI, J.; TOBIASZ, T.

The influence of doping nickel oxide catalysts with altermvalent metal additives. Pt.1. Bul chim PAN [vol. 12] no.9:657-661 '64.

1. Department of Inorganic Chemistry of Jagiellonian University, Krakow, and Department of Inorganic Chemistry of the School of Mining and Metallurgy, Krakow. Submitted July 7, 1964.

POLAND

DYREK, Krystyna, dr; KLUZ, Zofia, mgr

Department of Inorganic Chemistry, Jagiello University
(Katedra Chemii Nieorganicznej Uniwersytetu Jagiello-
skiego), Crakow - (for both)

Warsaw, Chemia analityczna, No 2, March-April 1966,
pp 421-426

"The application of the Bunsen-Rupp method."

ROKOSZ, Andrezej; DYBEK, Mieczyslaw

Reliability of determining sodium and potassium in a mixture of
chlorides according to J. Tokarski's method. Chem anal 4 no.4:
705-713 '59. (EEAI 9:6)

1. Katedra Chemii Nieorganicznej Uniwersytetu Jagiellonskiego,
Krakow.

(Salt)

(Potassium chloride)

KOPYLOVSKAYA, G.Ya.; NIKOLAYEV, A.A.; AFONIAN, A.V., seleksioner; ~~DYRENKOVA~~
M.Ya., zootekhnik.

Observations on the growth and viability of imported "hybrid" poultry
on the "Ptichnoe" State Farm in Moscow Province. Trudy Inst. gen. no.24:
352-358 '58. (MIRA 11:9)

1. Institut genetiki AN SSSR (for Kopylovskaya). 2. Direktor sovkhosa
"Ptichnoye" Moskovskoy obl. (for Nikolayev). 3. Sovkhoz "Ptichnoye"
(for Afonina, Dyrenkova).
(Poultry breeds)

KOPYLOVSKAYA, G.Ya., kand.biol. nauk.; NIKOLAYEV, A.A.; AFONINA, A.V.;
selektioner sovkhoha; DYBENKOVA, M.Ya., starshiy zootekhnik.

Results of trials with "hybrid" fowl on the "Ptichnoe" State Farm
in Moscow Province. Ptitsevodstvo 8 no.10:24-27 O '58.

(MIRA 11:10)

1.Direktor sovkhoha "Ptichnoye" (for Nikolayev).
(Poultry breeding)

DYBENKOVA, M.Ya., glavnyy zootekhnik

Tentlike summer houses for chicks. Ptitsevodstvo 9 no.4:23-24 Ap '59.
(MIRA 12:6)

1. Sovkhoz "Ptichnoye", Moskovskoy oblasti.
(Poultry houses and equipment)